

Cascadia

Clarity and connection at her fingertips



Clear teacher instruction throughout the classroom. Alerts and voice calls from anywhere in the school.

With network connectivity and integrations with building communication systems, teachers can quickly initiate an alert, or call the front office directly from their microphone.



C25

Full-featured audio amplifier with network connection and PoE+



FUNCTION DISPLAY 3 PROGRAMMABLE ALERT BUTTONS

Clearmike

Comfortable teacher microphone amplifies the voice and initiates alerts



Web Console

Supports, monitors and updates your hardware

LEARNING BEGINS WITH LISTENING

Combined with Clearmike and speakers, Cascadia delivers all the benefits of instructional audio:

- Even distribution of the teacher's voice
- Integration with classroom multimedia
- Supports student sharing with second mic

SAFETY, MOBILITY AND IMMEDIACY

Integrate with your existing building communication systems to:

- Initiate a silent emergency alert
- Make two-way calls to the office
- Send from anywhere in the building

CENTRALIZED CONTROL SAVES TIME

Cascadia Web Console provides centralized visibility and control:

- Support and monitor your hardware
- Manage your integrations
- Push updates to your equipment
- Locate the teacher during an active alert

INSTRUCTIONAL AUDIO OVERCOMES CRITICAL BARRIERS TO LISTENING



NOISE



DISTANCE



MASKS



HEARING LOSS



CREATING BETTER ACCESS TO LEARNING

15%

INCREASE ON
STANDFORD
ACHEIVEMENT TEST

30%

HIGHER
ELL WORD
RECOGNITION

43%

LESS
OFF-TASK
BEHAVIOR

72%

FEWER
TEACHER
REDIRECTIONS

Cascadia

NETWORKED INSTRUCTIONAL AUDIO SYSTEM

C25 FRONT



C25 BACK



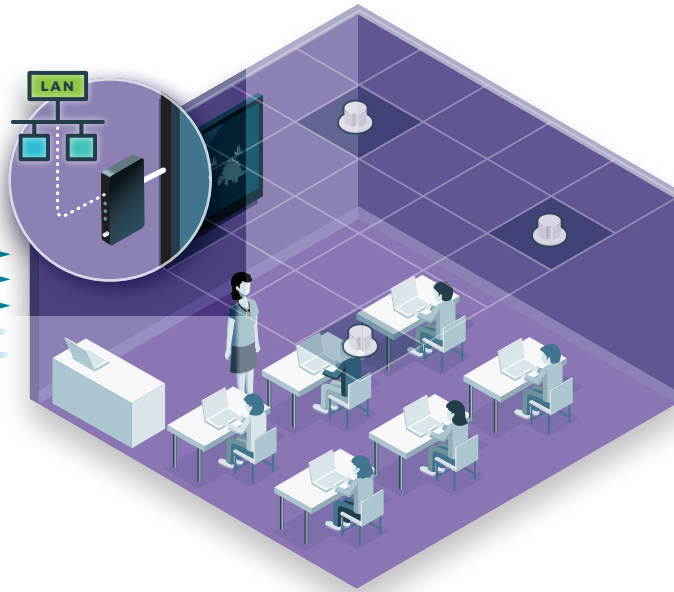
Instructional Technology

Connect with other classroom technologies to provide clear and even distribution of all audio.

-  LAPTOPS
-  INTERACTIVE DISPLAYS
-  A/V CONTROL SYSTEMS
-  ASSISTIVE LISTENING
-  DISTANCE LEARNING

Network Connectivity

Network connectivity with PoE+ enables easy setup with monitoring and maintenance capabilities.



Life-Safety & Communication

Integrate with building communication systems to unlock critical functionality when help is needed.

-  **ALERT NOTIFICATION**
Activate alert with teacher mic
-  **PAGING PRIORITY**
Mutes instructional audio system
-  **FIRE ALARM MUTE**
Mutes instructional audio system
-  **TWO-WAY SIP CALLING**
Communicate with front office
-  **ALERT LOCATION**
Approximate incident location on a school map

C25 Description	Wireless audio hub
Wireless Communication	Access Technology (1.9 GHz)
Frequency Response	20 Hz - 20 kHz Power Amp, 150 Hz - 6.5 kHz Wireless
Power Supply Options	24VDC/2.5A or PoE+ 802.3at
Power Output	40 WRMS total (20 WRMS/channel) with 24VDC supply
Tone Control	Bass/Treble control
Ethernet	10/100Mbps
Audio Inputs	Three (3) 3.5mm inputs, one S/PDIF coaxial digital input
Audio Output	One (1) 3.5mm output, one S/PDIF coaxial digital output
Maximum Input/Output Level	1.4VRMS / 1.4VRMS
Total Harmonic Distortion	<1%
Analog Control Signals	Inputs: PageFirst (25/70V page mute), Relay Input Output: Contact closure (initiated from microphone)
Dimensions (W x H x D)	9.0" x 6.1" x 1.2" (229mm x 155mm x 30mm)
Weight	17.5 oz (496g)

SPEAKERS AND OPTIONS



TCQ
MULTIMEDIA CEILING SPEAKER



Media Connector



DRQ
CEILING SPEAKER



WMQ
WALL SPEAKER



ShareMike
HANDHELD STUDENT MIC



WATCH CASCADIA VIDEO

1.800.732.8999 | WWW.LIGHTSPEED-TEK.COM | DS0678US01-1

